

What is claimed is:

1. A printing apparatus for receiving and printing print data from a plurality of devices comprising:
means for establishing relevant operating relationships independently with the respective devices; and
processing means for processing a plurality of said operating relationships independently of one another.

2. A printing control method in a printing apparatus for printing in accordance with a print request from a plurality of devices, comprising the steps of:
providing an information area for indicating print specifications for each print request; and
controlling the print operation in accordance with each print request by a cue.

3. A printing control method according to claim 2 wherein a stop state connection point is provided for a connection point of said cue, and when a printing process in accordance with the print request from a specific device is to be stopped, the cue for the print request from the specific device is connected to the stop state connection point.

4. A printing control method according to claim 2 wherein, while a print request is being received from one of the plurality of devices a print request from another of the plurality of devices is received.

5. A printing control method according to claim 2 wherein, even when there is a trouble in the paper feed system or paper discharge system in a printing in accordance with a print request from one or some of the plurality of devices, a printing in accordance with the print request from another of the plurality devices is carried out.

6. A printing control method in a printing apparatus which has a plurality of paper feed inlets and a plurality of paper discharge outlets and prints in accordance with a print request from a plurality of devices, comprising the steps of:

establishing relevant operating relationships independently with the respective devices; and

assigning a paper feed inlet and a paper discharge outlet for each operating relationship.

7. A printing control method according to claim 6 wherein a paper discharge outlet is specified for each operating relationship so that the same paper discharge

~~outlet is not assigned in a plurality of operating~~
relationships.

8. A printing control method according to claim 6 wherein a paper feed inlet and a paper discharge outlet are assigned by a panel operation.

9. A printing control method according to claim 6 wherein the state of the operating relationships are displayed in a list.

10. A printing control method in a printing apparatus which receives and prints print data from a plurality of devices, comprising the steps of:

dividing the received print data into priority print data and normal print data; and

providing an area for storing only the priority print data in a area for storing the received print data.

11. A printing control method according to claim 10, wherein the area for storing the received print data is constructed with a plurality of blocks with a fixed size and one or a plurality of blocks of the plurality of blocks are assigned as an area for storing the priority print data only.

12. A printing control method according to claim 10, wherein the area for storing the received print data is constructed with one memory pool and a part of the memory pool is assigned as an area for storing only the priority print data.

13. A printing control method according to claim 10, wherein the size of the area for storing only the priority print data is variable.

14. A printing control method according to claim 10, wherein the priority print data is assigned in accordance with the data from the device.

15. A printing control method according to claim 10, wherein the priority print data is assigned by panel operation of the printing apparatus.

16. A character font pattern control method in a printing apparatus which caches character font patterns from a auxiliary memory to a main memory and prints the characters, comprising the steps of:

preparing a character font cash control table for every character species including font and character size; and

controlling cashing of character font patterns by character species including font and character size, referring to the character font cash control table.

17. A character font pattern control method according to claim 16, wherein code system is included in the classification of character species and the character font patterns of the code system with a different type are cashed.

18. A character font pattern control method according to claim 16, wherein the number of pages in which relevant character species are used is controlled.

19. A character font pattern control method according to claim 16, wherein font patterns of character species which are not used in any page are deleted when there is no vacancy in the main memory.

20. A character font pattern control method according to claim 16, wherein the control table which stores the cash state is stored in the auxiliary memory when power supply is interrupted, and the stored cash state is read when power supply is next connected.

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B5
add
D1